

# Newsletter 2023 WP3 Progress

In WP3, **IDOASIS** and **IPB-CIMO** have been receiving samples from the vegetal material collected in Spain, Germany and Romania during M9-M32.

The samples received have been subjected to different extraction methodologies targeted to obtain high value-added compounds, including maceration, microwave assisted extraction (MAE), ultrasound assisted extraction (UAE), and surfactant assisted extraction (SAE). The obtained extracts have been characterized with different analytical methodologies to analyze the main chemical compounds present in each species. Some interesting compounds have been successfully identified in the samples analyzed, mainly phenolic compounds and triterpenes, suggesting a potential interest in the market.

Optimized extraction processes will be scaled-up with the selected species during the next period, considering the best phytochemical profile, bioactivities and yield of extraction.

